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CERTIFICATE OF MAILING

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ERWitt  
Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/849,345	Confirmation No.:	6697
Applicant	:	Robert H. Burgener, II et al.		
Title	:	P-TYPE GROUP II-VI SEMICONDUCTOR COMPOUNDS		
Filed	:	May 19, 2004		
TC/A.U.	:	2811		
Examiner	:	Thien F. Tran		
Docket No.	:	3398.2.9		
Customer No.	:	21552		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicants and/or their attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(c), the enclosed Statement is being filed before the mailing date of either a final action or a notice of allowance.

Neither applicants nor their attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. § 102 or § 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement

shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, transmitted herewith are:

1. A completed copy of Forms PTO/SB/08a and/or PTO/SB08b "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Forms PTO/SB/08a and PTO/SB/08b, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after June 30, 2003.

As this application was filed after June 30, 2003, copies of the U.S. patents and published U.S. patent applications listed on the enclosed Form PTO/SB/08a are not required and, therefore, not included herewith.

#### NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language:

Japanese Patent Application No. 2002-68890 published March 8, 2002 discloses:  
**PROBLEM TO BE SOLVED:** To produce a high quality epitaxial thin film of a single crystal zinc oxide free from stacking faults. **SOLUTION:** A method of producing the epitaxial thin film of the single crystal zinc oxide comprises forming a first layer 3 being a buffer layer and comprising polycrystalline or amorphous ZnO at about 400 to 500 deg.C on a sapphire substrate 2 by an organo-metal vapor phase growth method, then forming a second layer 4 comprising a single crystal ZnO at about 800 deg.C on the first layer 3, partially forming a mask 5 of SiO<sub>2</sub> by a photo-lithography technique, further selectively growing the single crystal ZnO from each

exposed part in the mask 5 of the second layer 4, and forming a third layer 6 of the single crystal ZnO grown in the horizontal direction on the mask 5 from the single crystal present above each exposed part 7. The laminating defects 11 in the second layer 4 are intercepted by the mask 5.

CERTIFICATION UNDER 37 C.F.R. § 1.97(e)

I hereby certify that each item of information listed on the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

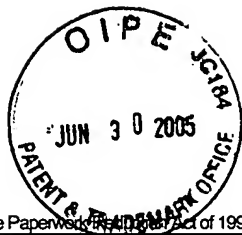
Respectfully submitted,

A handwritten signature in black ink, appearing to read "ER Witt", written over a horizontal line.

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Reg. No. 32,512  
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Date: June 28, 2005

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PTO/SB/08a (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i> Sheet 1 Of 1		<b>Complete if Known</b> Application Number 10/849,345 Filing Date May 19, 2004 First Named Inventor Robert H. Burgener, II Group Art Unit 2811 Examiner Name Thien F. Tran Attorney Docket Number 3398.2.9	
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U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-3,664,867-B1	05/23/1972	Galli et al.	
	U2	US-4,399,441-B1	08/16/1983	Vaughn et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1	EP - 1219731-A1	07/03/2002	Yoshida, et al.		
	F2	JP 2002-68890-AI	03/08/2002	Ogata, et al.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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